Bruhat Bangalore Mahanagara Palike

Excecutive Engineer Yelahanka Zone Project Division

Name of Work: Construction of Public Toilet in Ward No.04

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
					Estimate Cost Rs.			2.50 Lakhs	
1	KKSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2018-19).								
	Basic rate	449.00							
	8% AW	35.92							
	Total	484.92							
		2	3.55	0.75	1.00	5.33			
		3	1.00	0.75	1.00	2.25			
		1	5.00	2.60	0.30	3.90			
						11.48	**Cum**	**484.92**	**5,564.46**
2	KSRRB M100-1 Loading and Unloading of Stone Boulder/ Stonel aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for returnl trip, excluding time for haulage and return trip complete as per specifications MORTH -100/1 Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19								
	Basic rate for loading and unloading	58.00							
	Basic rate for Haulage upto 8.00Km = 1.28*2.00*8	20.48							
	Basic rate	78.48							
	Area weightage 8%	6.28							
	Sub total	84.76							
			Vide item No.1			11.48			
						11.48	**Cum**	**84.76**	**972.60**
3	KSRB-4-13 Providing and laying in position plain cement concrete mix 1:4:8 withOPC cement at 180kgs. with 40mm and down size graded qranite metal coarse aggregates @0 892cum and fine aggregates @0 57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM machinery. curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3. PWD SR 2018-19								
	Basic rate	5102.00							
	Area weightage 8%	408.16							
	Total	**5510.16**							
		2	3.55	0.75	0.13	0.69			
		3	1.00	0.75	0.13	0.29			
		1	2.00	2.60	0.13	0.68			
						1.66	**Cum**	**5510.16**	**9,151.00**

4	KSRB 52.3 Providing and constructing granite / trap / basalt rubble ston masonry in foundation with cement mortar 1 :6, stone hammerd dressed in courses not less than 20 cms high. |bond stones at two m. apart in eac course including cost of materials |labour, curing complete as pel |specifications.KBS 5.1.13 Page No. 2 tem No. 5.6/ PWD SR 2018-19								
	Basic rate	4596.00							
	Area weightage 8%	367.68							
	Total	**4963.68**							
		2	3.40	0.60	0.60	2.45			
		3	1.10	0.60	0.60	1.19			
						3.64	**Cum**	**4963.68**	**18,047.9**
5	Providing and constructing granite / trap / basalt size stonel masonry in basement with cement Imortar 1:6, edges of stones chistl Idressed in courses not less than 15 cms high, bond stones at two m. apart lin each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No 26/ Item No. 5.9/ PWD SR 2018-1								
	Basic rate	5483.00							
	Area weightage 8%	438.64							
	Total	**5921.64**							
		2	3.25	0.45	0.40	1.17			
		3	1.25	0.45	0.40	0.68			
						1.85	**Cum**	**5921.64**	**10,925.4**
6	Providing flush pointing to square rubble, course or uncoursed stone 1.2 masonry with cement mortar 1., 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 112/ Item No. 15.1 PWD SR 2018-19								
	Basic rate	141.00							
	Area weightage 8%	11.28							
	Total	**152.28**							
		2	3.25		0.40	2.60			
		3	1.25		0.40	1.50			
						4.10	**Sqm**	**152.28**	**624.3**
7	KSRB Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, 11 depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour per specifications, complete as specification. No. KBS 2.9, No. 6/Item No. 2.10/ PWD SR 2018-19								
	Basic rate	201.00							
	Area weightage 8%	16.08							
	Total	**217.08**							
		2	1.50	1.20	0.40	1.44			
						1.44	**Cum**	**217.08**	**312.6**

8	SRB 4 22 Providing and laying poSition plain cement concrete of mix M20 withOPC cement @ 320kgs, with metal coarse aggregates @0 878cum and fine aggregates @0. 459cum witt scoalsem m for all works in foundation plinth and ground floor level for roof slabs staircase, lintels, retaining walls, return. walls, walls(any thickness) including attached plasters. columns, pier abutments, pillars, posts, struts buttresses, string or lacing courses parapets, coping. bed blocks, anchor blocks, plain window cills, fillets etc including cost of all materials, labot HOM of machinery, curing, complete as per specifications. Specification. No KBS 41.46. No. KBS 4.1.4.6, No. 13/ Item No 4 11/ PWD SR 2018-19								
	Basic rate	5659.00							
	Area weightage 8%	452.72							
	Total	**6111.72**							
	Coping	2	3.25	0.45	0.10	0.29			
		3	1.25	0.45	0.10	0.17			
	Lintel	2	3.00	0.20	0.15	0.18			
		3	1.50	0.20	0.15	0.14			
	Chajja	1	3.00	0.60	0.10	0.18			
	Ventilator	2	0.75	0.60	0.13	0.12			
	roof	1	3.00	1.90	0.14	0.80			
	inside concrete	2	1.50	1.20	0.15	0.54			
		2	4.20	0.60	0.15	0.76			
		2	1.50	0.60	0.15	0.27			
						3.44	**Cum**	**6111.72**	**21,007.51**
9	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Basic rate	323.00							
	Area weightage 8%	25.84							
	Total	**348.84**							
	Chajja	1	3.00		0.60	1.80			
	Ventilator	2	0.75		0.60	0.90			
	Lintel	4	3.00		0.20	2.40			
		6	1.50		0.20	1.80			
	roof	1	3.00		1.90	5.70			
						12.60	**Sqm**	**348.84**	**4,395.38**
10	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4								
	Basic rate	912.00							
	Area weightage 8%	72.96							
	Total	**984.96**							
		2	3.00		2.75	16.50			
		3	1.50		2.75	12.38			
	Parapet	2	3.00		0.60	3.60			
		2	1.50		0.60	1.80			
	Deduction					**34.28**			

		2	0.75		2.10	3.15			
		2	0.75		0.60	0.90			
						4.05			
						30.23	**Sqm**	**984.96**	**29,770.4**
11	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500								
	Basic rate	70966.00							
	Area weightage 8%	5677.28							
	Total	**76643.28**							
	65Kg/Cum		0.065	1.35		0.09			
						0.09	**Sqm**	**76643.28**	**6,725.4**
12	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	Basic rate	193.00							
	Area weightage 8%	15.44							
	Total	**208.44**							
		2	1.50		2.70	8.10			
		2	1.20		2.70	6.48			
		2	1.50		1.20	3.60			
		4	1.50		1.20	7.20			
		2	3.00		3.00	18.00			
		2	1.90		3.00	11.40			
		2	3.00		0.60	3.60			
		4	1.00		0.60	2.40			
						60.78			
		2	0.75		2.10	3.15			
		2	0.75		0.60	0.90			
						4.05			
						56.73	**Sqm**	**208.44**	**11,824.8**
13	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33								
	Basic rate	87604.00							
	Area weightage 8%	7008.32							
	Total	**94612.32**							
		4	1.10	0.075	0.075	0.02			
		4	2.10	0.075	0.075	0.05			
		4	1.05	0.075	0.075	0.02			
		4	0.60	0.075	0.075	0.01			

						0.11	Cum	94612.32	10,324.57
14	KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34								
	Basic rate	4287.00							
	Area weightage 8%	342.96							
	Total	**4629.96**							
		2	0.75		2.00	3.00			
						3.00	**Sqm**	**4629.96**	**13,889.88**
15	KSRB 9-21.2 : Providing and fixing in position half panelled shutters at bottomand half glazed at top for window shutters with Honne wood styles and rails of25mm. thick, 75mm wide in two halves with panels of 20mm thick, 3mm thick reeded glass for top panels fixed with wooden beading including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.42								
	Basic rate	3947.00							
	Area weightage 8%	315.76							
	Total	**4262.76**							
		2	0.75		0.60	0.90			
						0.90	**Sqm**	**4262.76**	**3,836.48**
16	Fixtures for doors and windows Page No XIV SR 2018-19								
	Ventilators SL No 395, 385, 402, 386								
	Hinges 5" heavy duty	1	4			**4.00**	**Each**	**37.00**	**148.0**
	Bottom lock nail	2	5			**10.00**	**Each**	**47.00**	**470.0**
	MS Clamps	2	4			**8.00**	**Each**	**38.00**	**304.0**
	Brass screws 25mm	10	5			**50.00**	**Each**	**2.10**	**105.0**
17	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. (P.No. 32, I.No. 7.9 of PWD SR 2018-19)								
	Basic rate	95.00							
	Area weightage 8%	7.60							
	Total	**102.60**							
	2*0.75*.6=.9*21kg/sqm = 18.90					18.90			
						18.90	**Kg's**	**102.60**	**1,939.1**

	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.								
	Basic rate	32.00							
	Area weightage 8%	2.56							
	Total	**34.56**							
		Qty vide internal plastering				56.73			
						56.73	**Sqm**	**34.56**	**1,960.59**
19	KKSRB 8.6-8 : Providing and fixing on wall surface. 40 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P.No. 47/ I.No. 8.19 of PWD SR 2018-19)								
	Basic rate	512.00							
	Area weightage 8%	40.96							
	Total	**552.96**							
		3	3.00			9.00			
						9.00	**Rmtr**	**552.96**	**4,976.64**
20	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.No. 47/ I.No. 15.49.1 of PWD SR 2018-19)								
	Basic rate	110.00							
	Area weightage 8%	8.80							
	Total	**118.80**							
		Qty vide internal plastering				56.73			
	Deduction								
	W	6	1.50		1.20	10.80			
	D	1	2.00		2.10	4.20			
		1	0.90		2.10	1.89			
						73.62	**Sqm**	**118.80**	**8,746.06**
21	KSRB 15-17.1 : Applying priming coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. (P.No. 47/ I.No. 15.49.1 of PWD SR 2018-19)								
	Basic rate	43.00							
	Area weightage 8%	3.44							
	Total	**46.44**							
		4	0.75		2.10	6.30			
		4	0.75		0.60	1.80			
						8.10	**Sqm**	**46.44**	**376.16**
22	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. (P.No. 118, I.No. 15.60.1 of SR 2018-19).								

	Basic rate	97.00							
	Area weightage 8%	7.76							
	Total	**104.76**							
		Qty vide item no. 21				8.10			
						8.10	**Sqm**	**104.76**	**848.5**
23	KSRB 14-17.1 : Providing skirting, dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (P.No. 104, I.No. 14.40 of SR 2018-19).								
	Basic rate	1168.00							
	Area weightage 8%	93.44							
	Total	**1261.44**							
		4	1.50		1.50	9.00			
		4	0.75		2.10	6.30			
		4	0.75		0.60	1.80			
						17.10	**Sqm**	**1261.44**	**21,570.6**
	Electrical Works								
24	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP B Short point upto 3Mtr from tapping point to out let via switch								
			1.00			1.00			
						1.00	**Each**	**160.00**	**160.0**
25	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP B Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch								
			1.00			1.00			
						1.00	**Each**	**245.00**	**245.0**
26	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP B Long point above 6Mtr upto 10Mtr from tapping point to out let via switch								
			1.00			1.00			
						1.00	**Each**	**345.00**	**345.0**

	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring II Group B 6Sqmm (9/20)								
			1.00			1.00			
						1.00	**Each**	**45.00**	**45.00**
28	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick								
			1.00			1.00			
						1.00	**Per mtr**	**45.00**	**45.00**
29	Supplying and fixing PVC/metal conduit Deep junction box 19/20mm deep junction box								
			1.00			1.00			
						1.00	**Each**	**18.00**	**18.00**
30	Deep Junction Box 18/20mm deep junction box								
			1.00			1.00			
						1.00	**Each**	**29.00**	**29.00**
31	Supply and fixing metal fan box with round hook (32/11)								
			1.00			1.00			
						1.00	**Sqm**	**72.00**	**72.00**
32	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete 12"x9"x3" (300x228x76)								
			1.00			1.00			
						1.00	**Each**	**80.00**	**80.00**
33	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 600Watts Dimmer								
			1.00			1.00			
						1.00	**Each**	**390.00**	**390.00**
34	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 16Amps one way switch								
			1.00			1.00			
						1.00	**Each**	**115.00**	**115.00**
35	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6/16Amps universal socket								
			1.00			1.00			
						1.00	**Each**	**170.00**	**170.00**
36	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws.								
			20.00			20.00			
						20.00	**Sqcm**	**0.22**	**4.40**

	Supplying patti type fluorescent tube light fitting of 4' -36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp.								
			1.00			1.00			
						1.00	**Each**	**360.00**	**360.**
38	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders								
			2.00			2.00			
						2.00	**Each**	**105.00**	**210.**
39	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.								
			1.00			1.00			
						1.00	**Sqm**	**105.00**	**105.**
40	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame.								
			1.00			1.00			
						1.00	**Each**	**310.00**	**310.**
41	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The								
			3.00			3.00			
						3.00	**Each**	**1950.00**	**5,850.**
42	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP								
			3.00			3.00			
						3.00	**Each**	**195.00**	**585.**
43	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. 300mmx300mmx214mm								
			1.00			1.00			
						1.00	**Each**	**3055.00**	**3,055.**
44	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strips (except 2CX10Sq.mm wire armoured) as per IS-3975:1990 & extruded PVC outer sheathed armoured cable as per IS-1554 Part-1:1988 & confirming to GTP of GROUP-B 4 core 16 sqmm								
			1.00			1.00			

						1.00	**Per mtr**	**150.00**	**150.00**
45	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm								
			1.00			1.00			
						1.00	**mtr**	**8.00**	**8.00**
46	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) In soil (ordinary)								
			1.00			1.00			
						1.00	**mtr**	**40.00**	**40.00**
47	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 50mm								
			1.00			1.00			
						1.00	**mtr**	**260.00**	**260.00**
48	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. 16Sqmm								
			1.00			1.00			
						1.00	**Each**	**260.00**	**260.00**
49	KSRB13-10.3 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 25mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9 (P.No. 96, I.No. 13.76 of SR 2018-19).								
	Basic rate	118.00							
	Area weightage 8%	9.44							
	Total	**127.44**							
		1	20.00			20.00			
						20.00	**m**	**127.44**	**2,548.80**
50	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (P.No. 96, I.No. 13.78 of SR 2018-19).								
	Basic rate	6828.00							
	Area weightage 6%	409.68							
	Total	**7237.68**							
			1.00			1.00			
						1.00	**Each**	**7237.68**	**7,237.68**
51	KSRB13-6.5-1 : Providing and fixing in position 15mm nominal bore brass ferrule with C.I mouth cover including boring and tapping the main, cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.3 / 13.14 (P.No. 94, I.No. 13.43 of SR 2018-19).								
	Basic rate	161.00							

	Area weightage 8%	12.88							
	Total	**173.88**							
		1	4.00			4.00			
						4.00	**Each**	**173.88**	**695.52**
52	KSRB 11-3 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(P.No. 79, I.No. 12.3 of SR 2018-19).								
	Basic rate	1331.00							
	Area weightage 8%	106.48							
	Total	**1437.48**							
			3.00			3.00			
						3.00	**Sqm**	**1437.48**	**4,312.44**
53	Bescom Deposit	L/s							**5,000.00**
								Total Construction Cost	**221523.48**
								12% GST	**25,982.82**
								1% PMC Charges	**2,215.23**
								Sub Total	**249721.53**
								Miscellaneous & Rounding off	**278.47**
								GRAND TOTAL	**250000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates

Assistant Engineer,
Yelahanka Project Division,
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division,
BBMP Bangalore

Executive Engineer
Yelahanka Project Division,
BBMP Bangalore

Administrative Approval
Accorded For Rs. 2.50 lakhs
Head of A/C P-3294
CER NO :13 19/10/19
E.E. (Project) 19/X

Technical Sanction
Accorded For Rs. 2.50 lakhs
Head of A/C P-3294
CER NO :11 19/10/19
E.E. (Project) 19/X